

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Jack T. JOHANSEN	)	
	)	
Application No.: Unassigned	)	Group Art Unit: Unassigned
	)	
Filed: September 21, 2004	)	Examiner: Unassigned
	)	
For: PURIFICATION METHODS FOR	)	
OLIGONUCLEOTIDES AND THEIR	)	
ANALOGS	)	

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed within three months of the date of entry of the national stage in an international application.

Applicant respectfully requests that the Examiner consider the listed document and evidence that consideration by making appropriate notations on the attached form.


An International Search Report citing the listed documents and setting forth the relevance thereof is also enclosed for Examiner's consideration.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed document is material or constitutes "prior art." If it should be determined that the listed document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

  
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Date: September 21, 2004  
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# **INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

**PTO Form 1449**

Attorney Docket No.  
056258-5075

Serial No.  
Unassigned

10/508799

Applicants  
Jack T. JOHANSEN

Filing Date  
September 21, 2004

Group  
Unassigned

## **U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	2001/014650	August 16, 2001	Smith et al.			

## **FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	WO0138516	May 31, 2001	WIPO				
	WO0166718	September 13, 2001	WIPO				
	WO9527718	October 19, 1995	WIPO				

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	LU T et al "Combined pH gradient and anion-exchange high-performance liquid chromatographic separation of oligodeoxyribonucleotides." JOURNAL OF CHROMATOGRAPHY. A. NETHERLANDS Dec. 02, 1994, vol. 686, no 2.
	ASTERIADIS G T et al. "SEPARATION OF OLIGO NUCLEOTIDES NUCLEOTIDES AND NUCLEOSIDES ON COLUMNS OF POLY STYRENE ANION EXCHANGERS WITH SOLVENT SYSTEMS CONTAINING ETHANOL " ANALYTICAL BIOCHEMISTRY, VOL. 70, No.1, 1976 pp. 64-74.

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.